Robotics and Computer Integrated Manufacturing

Volume 17 (2001)
Volume Contents and Author Index

Pergamon

Robotics and Computer Integrated Manufacturing

An international journal of manufacturing and product and process development

MANUFACTURING

Emphasis is on disseminating the application of research to the development of new or improved industrially-relevant manufacturing technologies and strategies whose initial feasibility has been demonstrated either in a real manufacturing enterprise or experimentally in a laboratory.

Case-studies describing technology transfer and deployment from research institutions to industry or the implementation and scale-up of new technologies in industry, are especially encouraged.

Original papers are welcomed in the areas of rapid-response manufacturing, global manufacturing, flexible automation, mechatronics, computer-controlled machinery and processes, micromechanical systems, robotics, rapid prototyping, concurrent engineering and other fields involving unique manufacturing techniques.

PRODUCT AND PROCESS DEVELOPMENT

Product and Process Development is an outlet for creative research and development ideas in integrated products and process development.

Papers are welcomed in the broad areas of integrated product and process development, enterprise integration, life cycle engineering, global manufacturing, green products, recycling issues, rapid modelling, analysis and decision-making methodologies, quality, reliability and durability engineering, collaborative environments, integration of CAD/CAM/CAE and product information tools, information modelling, representation schemes and data models, knowledge based engineering, materials engineering, Internet and virtual team environments, multi-objective optimization and fuzzy mathematics and system integration issues for collaborative design. In addition *Process and Product Development* covers topics which have traditionally been considered beyond the scope of the product development process. These topics include the people involved, information infrastructure, management and control systems, engineering issues, business issues, and the tools to support the product development process.

Both sections publish editorials, state-of-the art reviews, letters to the Editor and occasional special issues on topics of current interest.

PII: S0736-5845(01)00034-5

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